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PTO/SB/21 (6-98)  
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/052,119
	Filing Date	January 17, 2002
	First Named Inventor	Sundar et al.
	Group Art Unit	2661
	Examiner Name	Unknown
Total Number of Pages in This Submission		Attorney Docket Number 110.014.138

ENCLOSURES (check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Hale and Dorr LLP, 60 State Street, Boston, MA 02109
Signature	
Date	April <u>2</u> , 2002

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date <u>April 2, 2002</u>			
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**PATENT** Attorney Docket No. 110.014.138

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Rangamani Sundar et al.

Serial No.: 10/052,119

Examiner: Unknown

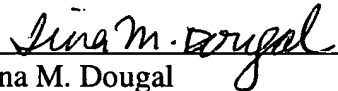
Filed: January 17, 2002

Group Art Unit: 2661

For: METHOD, SYSTEM, AND APPARATUS FOR PROVIDING WWAN  
SERVICES TO A MOBILE STATION SERVICED BY A WLAN

**CERTIFICATE UNDER 37 C.F.R. 1.8(a)**

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Tina M. Dougal

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**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97-98, Applicants bring to the attention of the Examiner the following publications listed on the attached Form PTO-1449.

This submission does not constitute a representation by Applicants that a search has been made or that no better art exists and does not constitute an admission that any of the listed publications are material or constitute "prior art." Applicants reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed publications, should one or more of the publications be applied against the claims of the present application.

Copies of the publications listed on the attached Form PTO-1449 are submitted herewith. It is respectfully requested that the Examiner initial and return a copy of the enclosed Form PTO-1449 with the next Patent Office communication.

As this Information Disclosure Statement is being filed prior to the mailing of the first Office Action on the merits and is therefore submitted as both timely and proper; thus, no fees are believed to be due. However, in the event of a fee deficiency, the Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 08-0219.

Respectfully submitted,

Dated: April 2, 2002



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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 110.014.138	Application No. 10/052,119
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR § 1.99(b))		Applicant Rangamani Sundar et al.	
		Filing Date January 17, 2002	Group Art Unit 2661

Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate

Examiner Initial	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
						Yes	No

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Examiner Initial	Document
A	"Recommended Practice for Multi-Vendor Access Point Interoperability via an Inter-Access Point Protocol Across Distribution Systems Supporting IEEE 802.11 Operation (Draft), IEEE, March 14, 2001, (Copyright 2001), pages 1-23
B	"Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Higher-Speed Physical Layer Extension in the 2.4 GHz Band", IEEE, January 20, 2000, pages 1-89
C	Veeraraghavan, Malathi et al., "Support of Voice Services in IEEE 802.11 Wireless LANs", Polytechnic University, (mv@poly.edu, ncocke01@utopia.poly.edu, morrs@ieee.org)
D	"Symbol's Spectrum 24 <sup>®</sup> High Rate Wireless LAN: IEEE 802.11b Ethernet-Speed Connectivity for Wireless Mobile and Portable Computing", Symbol Business Partners (www.symbol.com), January, 23, 2002
E	Schwartz, Ephraim, editor, InfoWorld, "Wireless World", January 23, 2002

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	